

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-16 (canceled)

17. (new) A nucleic acid analyzer for amplifying and determining a DNA or RNA, wherein

the analyzer has a container for holding a sample comprising nucleic acids and for amplifying a portion of the nucleic acids,

the container can be electrically connected to a first conductor and a second conductor,

the also has a circuit for applying a voltage across the first conductor and the second conductor.

18. (new) The analyzer of claim 17 wherein

the container

the first conductor and the second conductor are introduced into the sample containing the nucleic acids.

19. (new) The analyzer of claim 17 wherein

the first conductor and the second conductor are located adjacent to the the sample comprising nucleic acids.

20. (new) The analyzer of claim 17 further comprising an apparatus for receiving multiple samples comprising nucleic acids at the same time.

21. (new) The analyzer of claim 20 further comprising a process path for receiving the container, the process path comprising a thermal regulation device.

22. (new) The analyzer of claim 21 further comprising a transport system.
23. (new) The analyzer of claim 17 wherein the circuit comprises a microcontroller.
24. (new) The analyzer of claim 17 wherein the circuit comprises an adjustable voltage regulator.
25. (new) The analyzer of claim 17 wherein the circuit comprises a polarity reversal relay.
26. (new) The analyzer of claim 17 wherein the circuit is circuit 82 as illustrated in Figure 34.
27. (new) The analyzer of claim 17 further comprising a pipettor wherein the pipettor comprises the first conductor.